



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office

Address: COMMISSIONER OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

08/476,662

SERIAL NUMBER	FILING DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NO.
---------------	-------------	-----------------------	---------------------

08/476,662 06/07/95 KATZ

R 6646-101NF
EXAMINER

26M1/0610

REENA KUYPER
NILSSON WURST AND GREEN
707 WILSHIRE BLVD
32ND FLOOR
LOS ANGELES CA 90017

ART UNIT	PAPER NUMBER
----------	--------------

2601
DATE MAILED:

06/10/97

NOTICE OF ALLOWABILITY

PART I.

- ☒ This communication is responsive to amendment received 3/5/97
- ☒ All the claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice Of Allowance And Issue Fee Due or other appropriate communication will be sent in due course.
- ☒ The allowed claims are 29-35, 37-73, 75-79, 82-144, 146-154 and 156-236
- ☐ The drawings filed on _____ are acceptable.
- ☐ Acknowledgment is made of the claim for priority under 35 U.S.C. 119. The certified copy has ☐ been received. ☐ not been received. ☐ been filed in parent application Serial No. _____, filed on _____.
- ☒ Note the attached Examiner's Amendment.
- ☒ Note the attached Examiner Interview Summary Record, PTOL-413.
- ☒ Note the attached Examiner's Statement of Reasons for Allowance.
- ☐ Note the attached NOTICE OF REFERENCES CITED, PTO-892.
- ☐ Note the attached INFORMATION DISCLOSURE CITATION, PTO-1449.

PART II.

A SHORTENED STATUTORY PERIOD FOR RESPONSE to comply with the requirements noted below is set to EXPIRE THREE MONTHS FROM THE "DATE MAILED" indicated on this form. Failure to timely comply will result in the ABANDONMENT of this application. Extensions of time may be obtained under the provisions of 37 CFR 1.136(a).

- ☐ Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL APPLICATION, PTO-152, which discloses that the oath or declaration is deficient. A SUBSTITUTE OATH OR DECLARATION IS REQUIRED.
- ☒ APPLICANT MUST MAKE THE DRAWING CHANGES INDICATED BELOW IN THE MANNER SET FORTH ON THE REVERSE SIDE OF THIS PAPER.
 - ☒ Drawing informalities are indicated on the NOTICE RE PATENT DRAWINGS, PTO-948, attached hereto or to Paper No. 5. CORRECTION IS REQUIRED.
 - ☒ The proposed drawing correction filed on 5/15/96 has been approved by the examiner. CORRECTION IS REQUIRED.
 - ☐ Approved drawing corrections are described by the examiner in the attached EXAMINER'S AMENDMENT. CORRECTION IS REQUIRED.
 - ☒ Formal drawings are now REQUIRED.

Any response to this letter should include in the upper right hand corner, the following information from the NOTICE OF ALLOWANCE AND ISSUE FEE DUE: ISSUE BATCH NUMBER, DATE OF THE NOTICE OF ALLOWANCE, AND SERIAL NUMBER.

Attachments:

- ☒ Examiner's Amendment
- ☒ Examiner Interview Summary Record, PTOL-413
- ☒ Reasons for Allowance
- ☐ Notice of References Cited, PTO-892
- ☐ Information Disclosure Citation, PTO-1449

- ☐ Notice of Informal Application, PTO-152
- ☐ Notice re Patent Drawings, PTO-948
- ☐ Listing of Bonded Draftsmen
- ☐ Other

EXAMINER'S AMENDMENT

An Examiner's Amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 C.F.R. § 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the Issue Fee. Authorization for this Examiner's Amendment was given in a telephone interview with applicant's representative, Ms. Reena Kuyper, on June 4th 1997. The changes were agreed upon to correct obvious errors, ensure clarity of claim language, and provide clear antecedence where it may have been lacking.

In each of the following places, ---said record structure--- has been inserted after "means,": claim 37, line 19; claim 40, line 20; claim 50, line 19; claim 56, line 18; claim 97, line 20; claim 125, line 23; and claim 159, line 17.

In claim 100, line 8, "provides" has been changed to --- provide ---.

In claim 114, at line 2, the following has been inserted after "receiving" (**first occurrence**):

--- said call data signals ---.

In claim 119, at 8, "and" has been canceled; at line 29, --- and --- has been inserted after "callers;"; and at line 31, "facility" has been changed to --- system ---.

In the first line of each of claims 123 and 124, "An analysis control system" has been deleted and replaced with --- A process ---.

In line 7 of each of claims 126 and 135, ---and--- has been inserted after "distributors".

In the last two lines of each of claims 126, 135 and 150, "to specific ones of said plurality of call distributors" has been deleted.

In claim 128, at line 32, ---and--- has been added after "callers;".

In claim 168, line 2, "identify" has been changed to ---receive---.

In claim 169, line 2, "interface structure includes means to identify" has been deleted and ---called number identifies--- substituted therefor.

In claim 184, at line 2, "comprise" has been changed to ---comprises---.

Art Unit: 2601

In claim 197, line 2, "week" has been replaced with ---determined by a use-rate calculator---.

In claim 215: at line 6, "communications" has been changed to ---communication---; and at line 12, "providing" has been changed to --- as ---.

In claim 216, at line 3, "number is" has been changed to ---numbers are---; "a" (both occurrences) has been canceled, and "product" has been changed to ---products---.

In claim 218, at line 3, "number is" has been changed to ---numbers are---.

In claim 225, at line 3, "a" has been deleted.

In claim 231, at line 2, ---analysis structure provides--- has been inserted after "said", and "include" has been changed to ---including---.

To ensure proper order of claims, with applicant's representative's approval, **claim 155 has been canceled**, and in place thereof the same content has been provided as a **new claim**, as follows:

¹³²
~~136~~ A process according to claim ¹³²~~136~~, further including a step of limiting access by a caller to said memory under control of a clock. *app*

* * *

To ensure clarity and accuracy of interpretation of certain claims which contain an isolated recitation of the word "file" (see claim 37, line 21; claim 40, line 22; claim 50, line 20; claim 56, line 20; claim 97, line 22; claim 125, line 24; and claim 159, line 17), applicant has stated for the record that the recited file is intended to constitute one or more records stored in the memory of the "record structure" recited in the same related subparagraph of each of the subject claims.

STATEMENT OF REASONS FOR ALLOWANCE

With applicant's submission of an acceptable terminal disclaimer (received March 5, 1997, Paper No. 14), the previous rejection for obviousness-type double patenting has been obviated. With respect to the new groups of claims 215-235 added in the latest amendment (Paper No. 13), claims

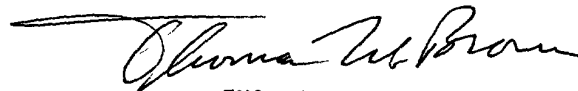
135

Serial Number: 08/476,662

-4-

Art Unit: 2601

215-228s' differences from related claims in applicant's patent No. 5,561,707 have been discussed in his remarks with the amendment, at page 45 thereof. The examiner agrees that those claims are as fully unobvious in view of the prior art as were the related claims of the patent. Applicant also recited (in the remarks, supra, at pages 45-46) added claim 229, however with comparison to the prior art or any claims of his patents. Nevertheless, claim 229 clearly is similar to other claims found unobvious in the present and earlier applications of applicant's, and also includes limitations providing for automatic DNIS reception, isolation of a subset of callers, and other aspects which in combination have been found distinguishable over the prior art, and in addition, the claim defines the callers subset isolation to include processing of accumulated multiple different personal identifying data. Therefore, the new combinations also are considered unobvious over the prior art of record.



THOMAS W. BROWN
PRIMARY EXAMINER
GROUP 2601

TWBrown
June 4, 1997



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office

Address: Box ISSUE FEE
ASSISTANT COMMISSIONER FOR PATENTS
WASHINGTON, D.C. 20231

NOTICE OF ALLOWANCE AND ISSUE FEE DUE

26M1/0610

REENA KUYPER
NILSSON WURST AND GREEN
707 WILSHIRE BLVD
32ND FLOOR
LOS ANGELES CA 90017

APPLICATION NO.	FILING DATE	TOTAL CLAIMS	EXAMINER AND GROUP ART UNIT	DATE MAILED
00/476,602	06/07/95	202	BROWN, T	2601 06/10/97
First Named Applicant	KATZ, RONALD A.			

TITLE OF INVENTION

TELEPHONIC-INTERFACE STATISTICAL ANALYSIS SYSTEM

ATTY'S DOCKET NO.	CLASS-SUBCLASS	BATCH NO.	APPLN. TYPE	SMALL ENTITY	FEE DUE	DATE DUE
2 6646-101NF	379-083.000	N94	UTILITY	NO	\$1290.00	09/10/97

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED.

THE ISSUE FEE MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED.

HOW TO RESPOND TO THIS NOTICE:

- I. Review the SMALL ENTITY status shown above.
If the SMALL ENTITY is shown as yes, verify your current SMALL ENTITY status:
 - A. If the status is changed, pay twice the amount of the FEE DUE shown and notify the Patent and Trademark Office of the change in status, or
 - B. If the status is the same, pay the FEE DUE shown above.
- If the SMALL ENTITY is shown as NO:
 - A. Pay FEE DUE shown above, or
 - B. File verified statement of Small Entity Status before, or with, payment of 1/2 the FEE DUE shown above.
- II. Part B of this notice should be completed and returned to the Patent and Trademark Office (PTO) with your ISSUE FEE. Even if the ISSUE FEE has already been paid by charge to deposit account, Part B should be completed and returned. If you are charging the ISSUE FEE to your deposit account, section "6b" of Part B should be completed.
- III. All communications regarding this application must give application number and batch number. Please direct all communication prior to issuance to Box ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Patents Issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.